

Rat CD16 Monoclonal Antibody | anti-CD16 antibody

RAT ANTI MOUSE CD16

CATALOG # AAA50260	HOST Rat	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD16; Monoclonal Antibody; RAT ANTI MOUSE CD16; FcRIII; anti-CD16 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	AT154-2
Specificity	Rat anti Mouse CD16 anitbody, clone AT154-2, recognizes CD16, also known as FcRIII. CD16 is a low affinityity activatory receptor which interacts preferentially with mouse IgG1, IgG2a and IgG2b immune complexes and is involved in various effector functions including phagocytosis, NK antibody dependent cellular cytotoxicity and the release of inflammatory mediators. In mice, CD16 is expressed on macrophages, NK cells, granulocytes, myeloid precursors and subpopulations of T lymphocytes.
Form/Format	Purified IgG - liquid, TRIS buffered saline
Applicable Applications for anti-CD16 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Preservative Stabilisers	0.09 Sodium Azide (NaN ₃)
Concentration	IgG concentration 1.0 mg/ml
Target Species	Mouse
Immunogen	HEK293F cell expressing CD16 and gamma chain
Fusion Partners	Spleen cells from immunised rats were fused with cells of the NS-1 myeloma cell line
Preparation and Storage	Shelf Life: 18 months form date of dispatch. Store at 4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119877
NCBI GeneID	14131

UniProt Accession #	P08508
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor III
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity III
NCBI Official Symbol	Fcgr3
NCBI Official Synonym Symbols	CD16
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor III
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor III
UniProt Gene Name	Fcgr3
UniProt Synonym Gene Names	IgG Fc receptor III; FcRIII
UniProt Entry Name	FCGR3_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd16-antibody-clone-at154-2-immunohistochemistry-flow-cytometry-elisa/50260>